

Coordinating Center Report

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Abstract

This report summarizes the activities of the IVS Coordinating Center during the year 2010 and forecasts activities planned for the year 2011.

1. Coordinating Center Operation

The IVS Coordinating Center is based at the Goddard Space Flight Center and is operated by NEOS (National Earth Orientation Service), a joint effort for VLBI by the U.S. Naval Observatory and the NASA Goddard Space Flight Center.

The mission of the Coordinating Center is to provide communications and information for the IVS community and the greater scientific community and to coordinate the day-to-day and long-term activities of IVS.

The Web server for the Coordinating Center is provided by Goddard. The address is

<http://ivscc.gsfc.nasa.gov>

2. Activities during 2010

During the period from January through December 2010, the Coordinating Center supported the following IVS activities:

- Directing Board support: Coordinated, with local committees, two IVS Directing Board meetings, in Hobart, Tasmania, Australia (February 2010) and Shanghai, China (October 2010). Notes from each meeting were published on the IVS Web site.
- Communications support: Maintained the Web pages, e-mail lists, and Web-based mail archive files. Included analysis reports on the 24-hour session Web pages. Maintained Intensive session Web pages.
- Publications: Published the 2009 Annual Report in summer 2010. Published three editions of the IVS Newsletter in April, August, and December, 2010. All publications are available electronically as well as in print form.
- Observing Program Committee (OPC): Coordinated meetings of the OPC to monitor the observing program, review problems and issues, and discuss changes.
- 2010 Master Schedule: Generated and maintained the master observing schedule for 2010. Coordinated VLBI resources for observing time, correlator usage, and disk modules. Coordinated the usage of Mark 5 systems at IVS stations and efficient deployment of disk modules.
- 2011 Master Schedule: Generated the proposed master schedule for 2011 and received approval from the Observing Program Committee.
- VLBI2010: Supported the activities of the VLBI2010 Committee (V2C) and the VLBI2010 Project Executive Group (V2PEG). Coordinated the program of the VLBI2010 Developers and Analysis meeting in Hobart.

- Meetings: Coordinated, with the Local Committee, the sixth IVS General Meeting, held in Hobart, Tasmania, Australia in February 2010. Chaired the Program Committee for the meeting.



Figure 1. Inauguration event of the Hobart 12-m antenna during the sixth IVS General Meeting.

Assisted with the organization of the workshop “VLBI and GNSS: New Zealand and Australian Perspectives” held in Auckland, New Zealand. Served on the Scientific Organizing Committee of the workshop.



Figure 2. Participants of the workshop “VLBI and GNSS: New Zealand and Australian Perspectives” at Auckland University of Technology.

3. Staff

The staff of the Coordinating Center is drawn from individuals who work at Goddard. The staff and their responsibilities are listed in Table 1.

Table 1. IVS Coordinating Center staff.

| Name | Title | Responsibilities |
|----------------|-------------------------------|--|
| Dirk Behrend | Director | Web site and e-mail system maintenance, Directing Board support, meetings, publications, session Web page monitoring |
| Cynthia Thomas | Operation Manager | Master schedules (current year), resource management and monitoring, meeting and travel support, special sessions |
| Frank Gomez | Web Manager | Web server administration, mail system maintenance, Data Center support, session processing scripts, mirror site liaison |
| Karen Baver | General Programmer and Editor | Publication processing programs, LaTeX support and editing, session Web page support and scripts |

4. Plans for 2011

The Coordinating Center plans for 2011 include the following:

- Maintain IVS Web site and e-mail system.
- Publish the 2010 Annual Report (this volume).
- Coordinate, with the local committee, the sixth IVS Technical Operations Workshop to be held at MIT Haystack Observatory in May 2011.
- Support Directing Board meetings in 2011.
- Coordinate the 2011 master observing schedules and IVS resources.
- Publish Newsletter issues in April, August, and December.
- Support the VLBI2010 activities of the V2C and the V2PEG.